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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/765,631	01/22/2001	Hiroyuki Komai	1086.1134/JDH	8764

21171 7590 02/08/2005

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WASHINGTON, DC 20005

EXAMINER
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LUU, SY D

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 02/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/765,631

Applicant(s)

KOMAI, HIROYUKI

Examiner

Sy D Luu

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5 and 8-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 8-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This communication is responsive to the Amendment filed 9/30/2004.
2. Claims 1-25 are pending in this application. Claims 1, 9, 17, and 25 are independent claims. In the Amendment, claim 25 was added, claims 6-7 were canceled, and claims 1 and 9-24 were amended. This action is made Final.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

#### *Claim Rejections - 35 USC § 103*

4. Claims 1-7, 9-13, 17-21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kahl et al. ("Kahl", US 5,936,625) in view of IBM Technical Disclosure Bulletin ("IBM TDB", Dynamic Icon Presentation).

As per claim 1, Kahl teaches a schedule management apparatus displaying a managed schedule in a schedule display frame, comprising:

a schedule display control unit displaying schedule events in said corresponding schedule display frame (fig. 2; col. 2, lines 45 et seq.; *the display frame contain all events within the date box 22*); and a display switching unit switching over contents of display in said schedule display frame displaying the schedule to display another contents at prescribed time intervals (col. 3, line 60 – col. 4, line 6; col. 5, lines 36 et seq.).

Kahl teaches the displaying of a plurality of schedule events rather than a single event. However, displaying a single item at a time in a display frame at prescribed time intervals from a

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list of plurality of items is known in the art. For instance, IBM TDB discloses such a teaching (figs. 1-2; page 1). It would have been obvious to an artisan at the time of the invention to combine IBM TDB's teaching with the apparatus of Kahl in order to allow users to reduce screen clutter and conserve screen real estate.

As per claim 2, Kahl teaches when there are a plurality of schedules, said display switching unit switches over the contents of display in said schedule display frame in units of schedule (fig. 2).

As per claims 3, IBM TDB teaches said display switching unit to have a time specifying unit specifying an arbitrary switching time interval (page 1, Disclosure Text; page 2, User Interaction with Dynicon, section 2).

As per claim 4, Kahl/IBM TDB teaches said display switching unit switches over the contents of display by any of the collective switching method, the longitudinal scroll switching method or the transverse scroll switching method of the contents of display in said schedule display frame (Kahl, col. 3, line 60 – col. 4, line 6; col. 5, lines 36 et seq.; IBM TDB page 3, first item of Section "SUBSTITUTABLE ELEMENTS").

Claim 5 is similar in scope to claim 4, and is therefore rejected under similar rationale.

Claims 9-10 and 12-13 are similar in scope to claims 1-2 and 4-5 respectively, and are therefore rejected under similar rationale.

Claims 11 and 19 are individually similar in scope to claim 3, and are therefore rejected under similar rationale.

Claims 17-18, 20-21 and 25 are similar in scope to claims 1-2, 4-5 and 1 respectively, and are therefore rejected under similar rationale.

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5. Claims 8, 14-16 and 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kahl et al. ("Kahl", US 5,936,625) and IBM Technical Disclosure Bulletin ("IBM TDB", Dynamic Icon Presentation) in view of Applicant Admitted Prior Art ("AAPA").

As per claim 8, Kahl does not expressly teach said display control unit to display a monthly schedule table or a weekly schedule table, and simultaneously, displays a schedule in one or more schedule display frames from among the date frames of said monthly schedule table and said weekly schedule table, said display switching unit switching and displaying the schedule in said schedule display frame. However, all these features are known in the art, as disclosed by AAPA (figure 1). It would have been obvious to an artisan at the time of the invention to include these features with the apparatus of Kahl and IBM TDB in order to provide users with more flexibility in control of schedule viewing.

As per claims 14-15, Kahl does not expressly teach the operations for specifying of one or more schedule display frames in which the switched contents are to be displayed, and said switched display frame specifying operation comprising switching and displaying schedules by specifying all schedule display frames, a schedule display frame for the day or schedule display frames for a period from the day to a prescribed number of days ahead. However, all these features are known in the art, as disclosed by AAPA (figure 1). It would have been obvious to an artisan at the time of the invention to include these features with the apparatus of Kahl and IBM TDB in order to provide users with more flexibility in control of schedule viewing.

Claims 16 and 22-24 are similar in scope to claims 8, 14-15 and 8 respectively, and are therefore rejected under similar rationale.

***Response to Arguments***

6. Applicant's arguments with respect to the newly amended independent claims have been fully considered but they are not persuasive.

Applicants argues that Kahl does not teach a single event being displayed in the display frame over a predetermined time period, and that IBM TDB says nothing about adjusting displays of schedules. The Examiner agrees that Kahl does not teach the newly amended claim limitation. However, the claims have been rejected in view of the combination of Kahl with the teaching IBM TDB as detailed above.

***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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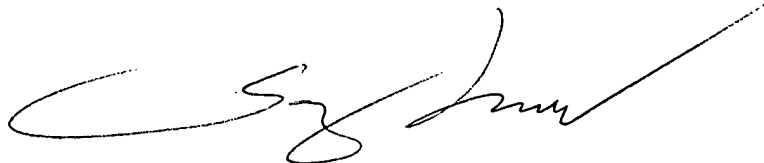
***Inquires***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sy Luu whose telephone number is **(571) 272-4064**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (571) 272-4063.

The fax number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

A handwritten signature in black ink, appearing to read 'Sy Luu', with a long horizontal stroke extending to the right.

**SY D. LUU  
PRIMARY EXAMINER**